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Politika

## NEW MACHINES DEVELOPED FOR FARMING, WOOD INDUSTRY

SERBIAN PLANT MAKES NEW FARM MACHINES -- Politika, No 13277, 30 Jun 49

The "Zmaj" farm Machinery Factory in Zemun, which fulfilled its plan for the first half of 1949 4 days ahead of schedule, thus far has produced 4,040 windmills for state farms, 3,568 for 8,568 scales, and 12 special plows for rice fields.

The latest series of 70 threshing machines now being completed will be ready for use this summer. A few days ago 12 large threshing machines were hauled to the railroad station, seven for delivery to Slovenia and five for Montenegro. A total of 700 new threshers bearing the "Zmaj" emblem will be used in this year's harvest.

Soon, when the last threshers of the current series leave the factory, their place will be taken by mowers, the prototype of which was developed at "Zmej" this year. By the end of the year, 1,800 new "Zmaj" mowers will have been put into servica.

On 1 May 1949 "Zawi" produced the first rotary digger with two rotors in the world. By August, nine more will have left the factory. They will do the work of 2,000 men with picks and shovels.

By 29 November "Zmaj" will complete the first sinder to be made in Yugoslavia by Yugoslav workmen.

HYDRAULIC PRESS FOR WOOD INDUSTRY -- Politika, No 13275, 27 Jun 49

A special hydraulic press with an auxiliary electric motor has been built at the Wood Industry Combine in Relisce for splittings logs and other large pieces of wood for kindling. It is to be used in the power plant at the Combine.

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In test operation at 70 atmospheres of pressure this machine showed excellent results and speeded the process by 500 percent. Formerly the wood had to be split by hand with primitive tools.

The first copy of this machine has already been cast in the foundry at the Combine, where the production of similar hydraulic presses for other enterprises will begin soon.

EQUIPMENT FOR CPEN-HEARTH FURNACE -- Politika, No 13281, 4 Jul 49

Milan Studic, a worker at the Zenica Ironworks who has been cited many times for his inventions, has made a device that automatically opens the door of a Siemens Martin furnace. Such equipment always had to be imported in the past.

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